

FIG. 1

20

100

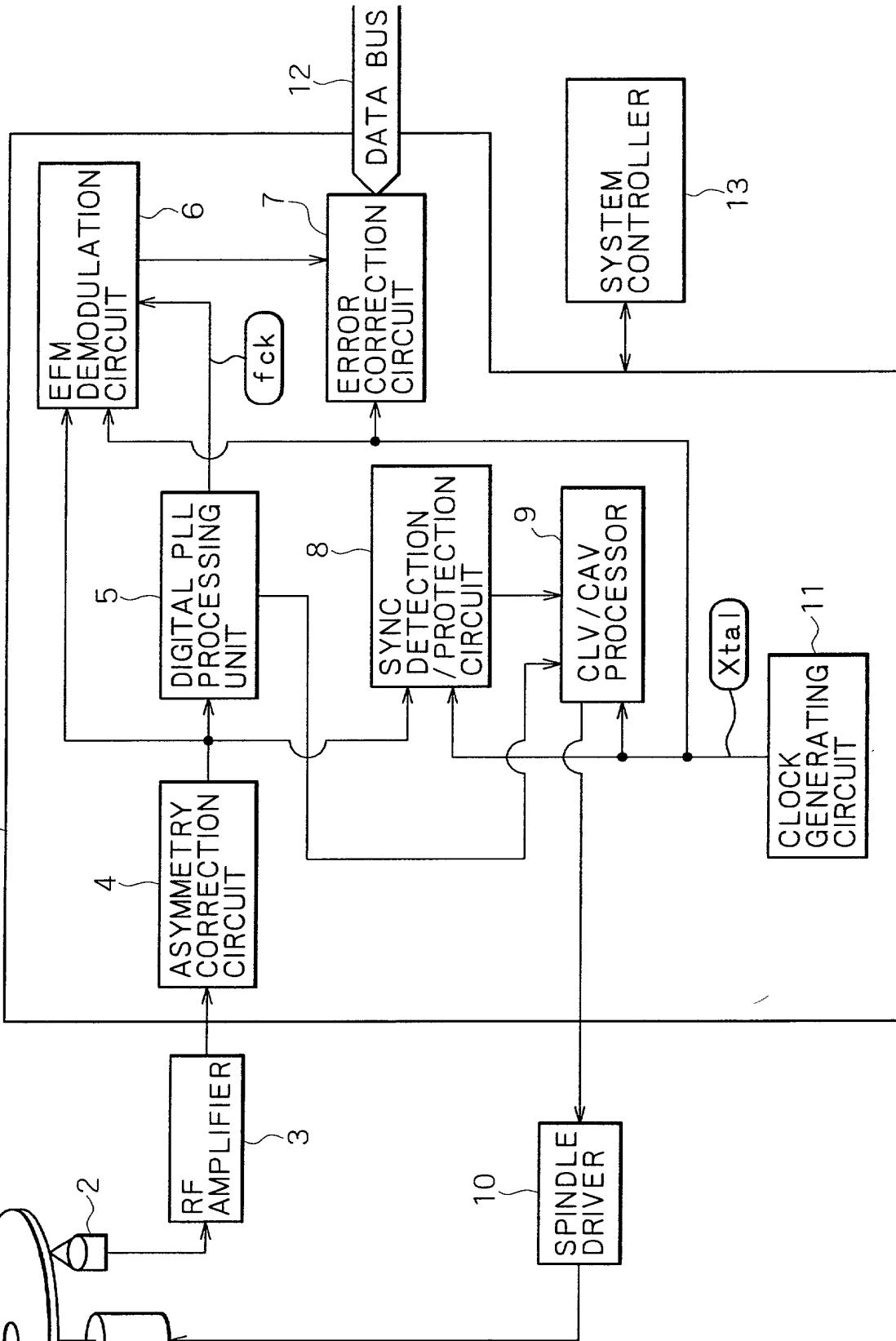
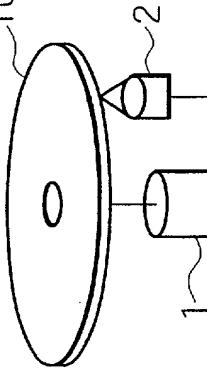


FIG. 2

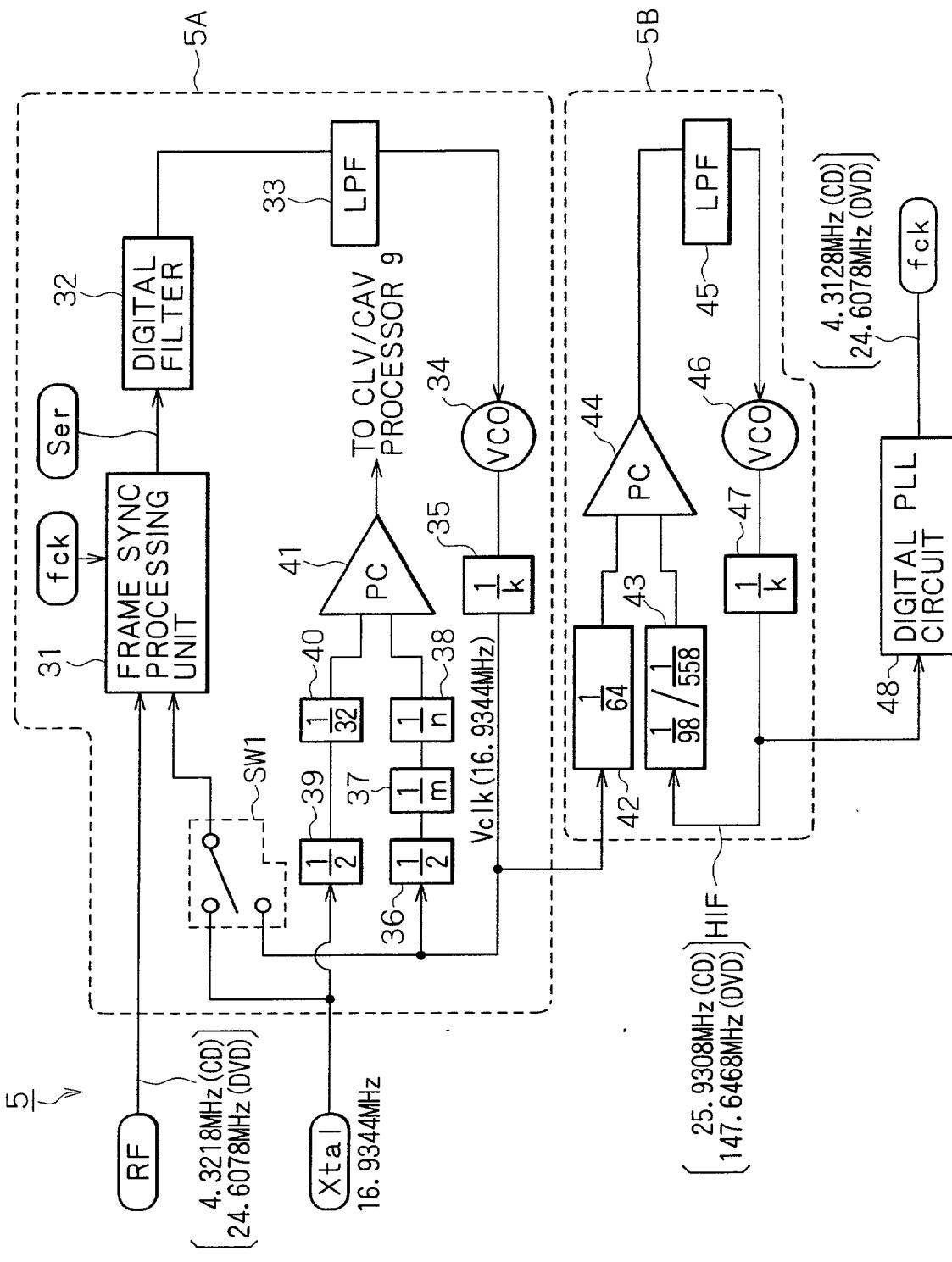


FIG. 3

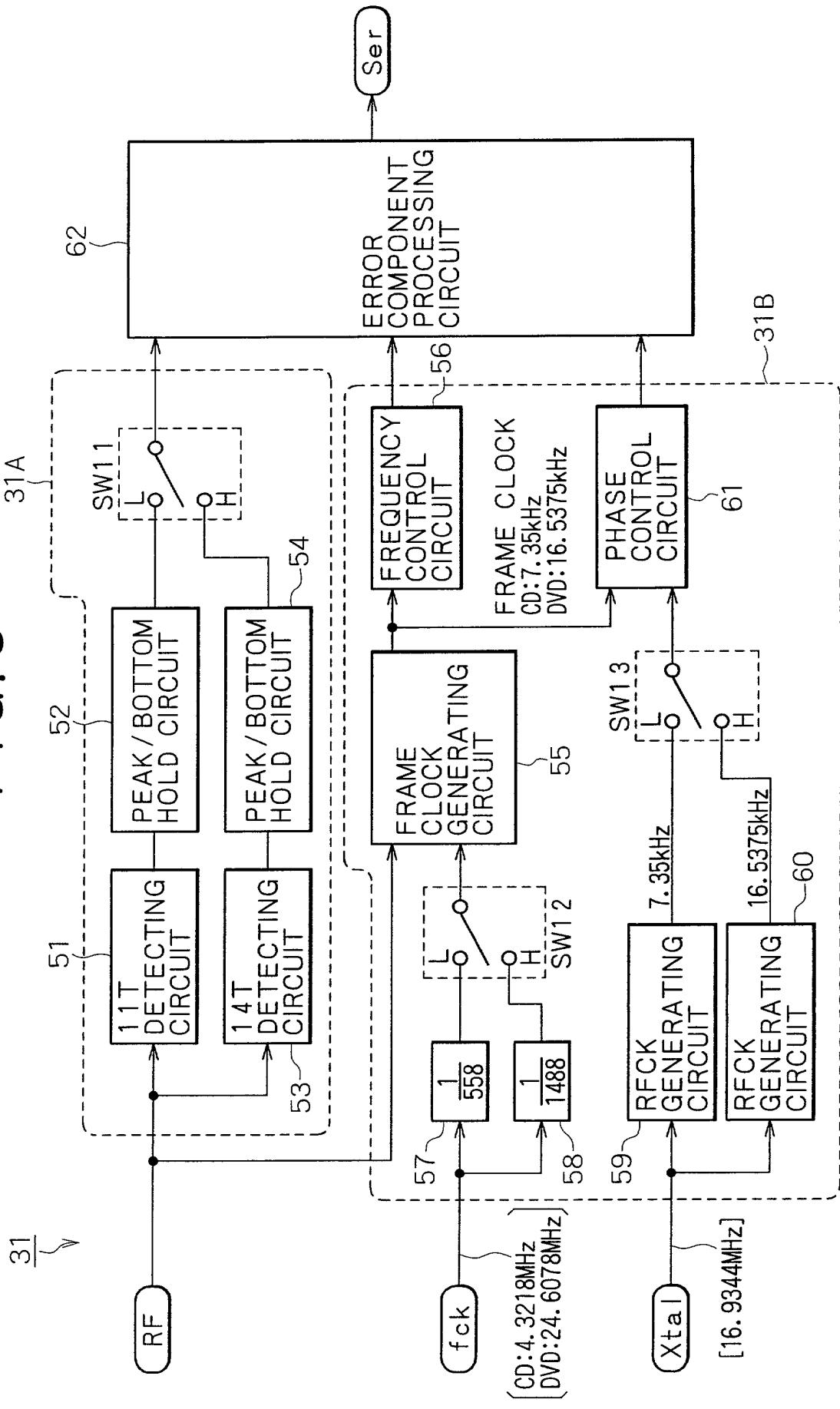


FIG. 4

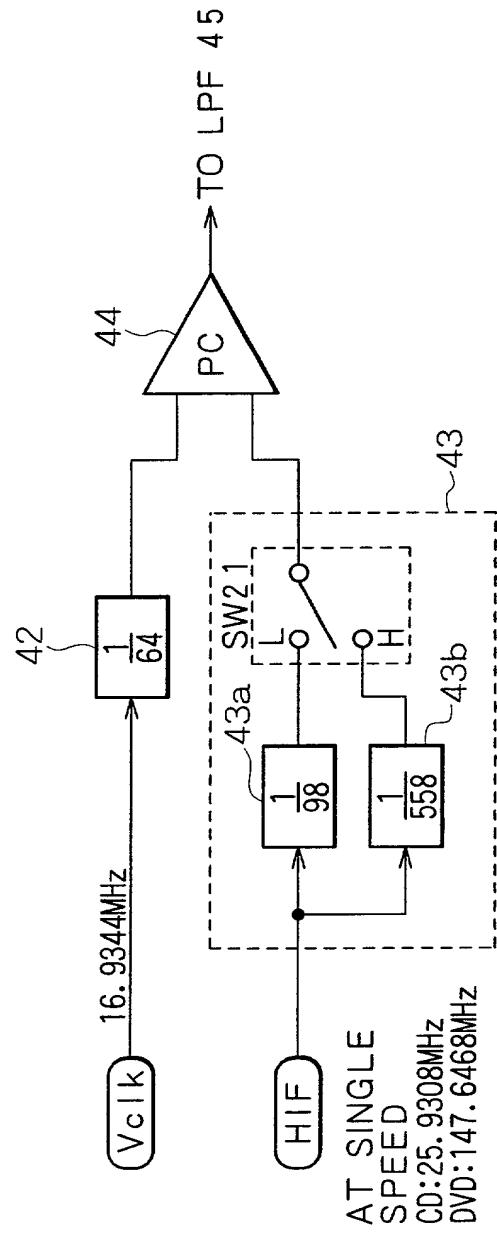


FIG. 5A

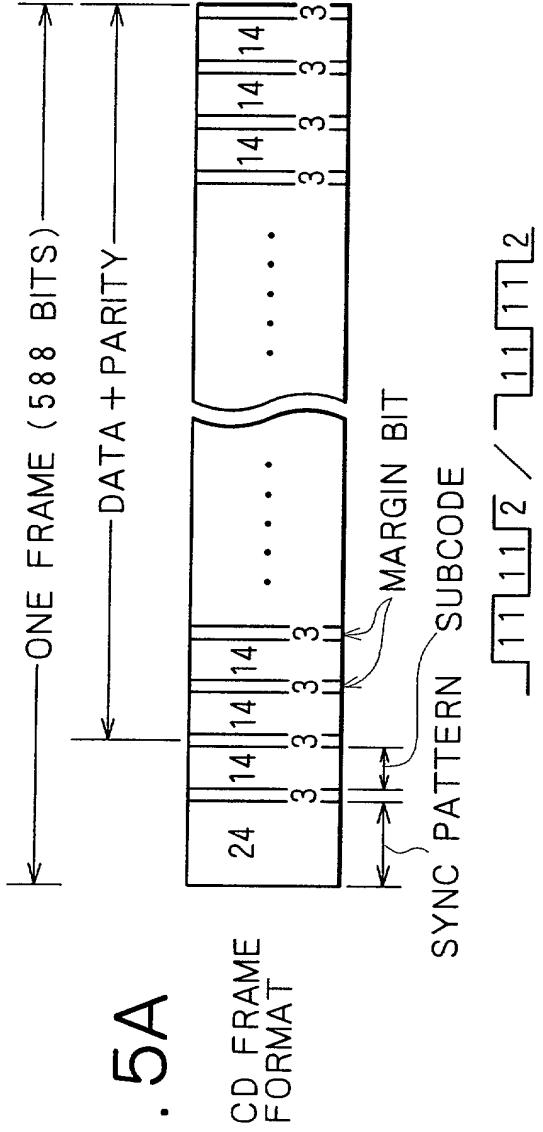


FIG. 5B

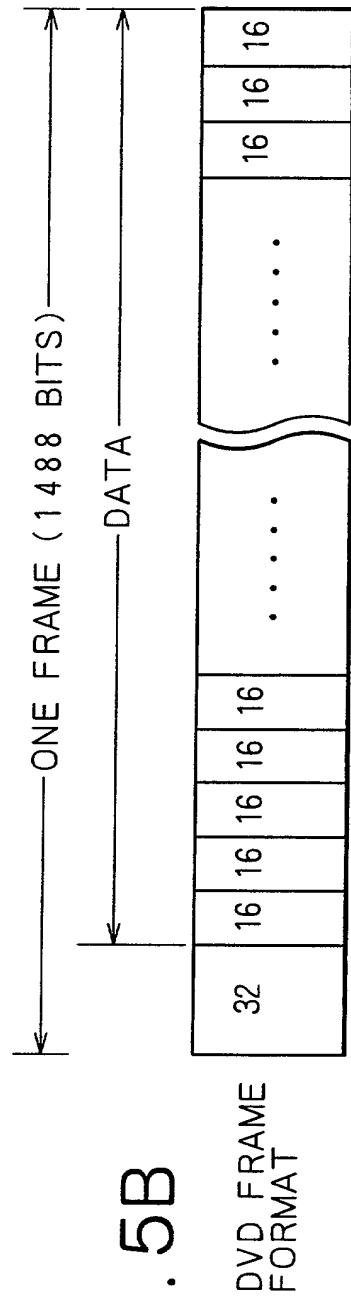


FIG. 6

		(MSB)	(LSB)
State1	SY0	0001001001000100	000000000000010001
	SY1	0000010000000100	000000000000010001
	SY2	0001000000000100	000000000000010001
	SY3	0000100000000100	000000000000010001
	SY4	0010000000000100	000000000000010001
	SY5	0010001001000100	000000000000010001
	SY6	00100100010000100	000000000000010001
	SY7	0010010001000100	000000000000010001
State2	SY0	0001001000000100	000000000000010001
	SY1	0000010001000100	000000000000010001
	SY2	0001000001000100	000000000000010001
	SY3	0000100001000100	000000000000010001
	SY4	0010000001000100	000000000000010001
	SY5	0010001000000100	000000000000010001
	SY6	0010000010000100	000000000000010001
	SY7	0010010000000100	000000000000010001
State3	SY0	1001001000000100	000000000000010001
	SY1	1000010001000100	000000000000010001
	SY2	1001000001000100	000000000000010001
	SY3	1000001001000100	000000000000010001
	SY4	1000100001000100	000000000000010001
	SY5	1000100100000100	000000000000010001
	SY6	1001000010000100	000000000000010001
	SY7	1000100010000100	000000000000010001
State4	SY0	1001001001000100	000000000000010001
	SY1	1000010000000100	000000000000010001
	SY2	1001000000000100	000000000000010001
	SY3	1000001000000100	000000000000010001
	SY4	1000100000000100	000000000000010001
	SY5	1000000100000100	000000000000010001
	SY6	1000000010000100	000000000000010001
	SY7	1000000010000100	000000000000010001

FIXED PATTERN
OF 14T + 4T

FIG. 7

	RF SIGNAL PATTERN	$3T \sim 11T$
CD	CHANNEL CLOCK FREQUENCY (f _{ck})	4.3218 MHz
	SYNC FRAME LENGTH (T _{sync})	5.88T
	SYNC FRAME FREQUENCY (f _{sync})	7.35 kHz
	SYNC CODE PATTERN	FIXED PATTERN OF $11T + 11T + 2T$
Xtal		16.9344 MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	$16.9344 MHz \pm \alpha$
DVD	RF SIGNAL PATTERN	$3T \sim 11T, 14T$
	CHANNEL CLOCK FREQUENCY (f _{ck})	26.16 MHz
	SYNC FRAME LENGTH (T _{sync})	14.88T
	SYNC FRAME FREQUENCY (f _{sync})	ABOUT 17.58 kHz
	SYNC CODE PATTERN	32T PATTERN INCLUDING $14T + 4T$ (32 TYPES)
Xtal		16.9344 MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	$16.9344 MHz \pm \alpha$

FIG.8

m X n	Ps1	Ps2
33	1.0312	0.970
34	1.0625	0.999
35	1.0938	1.029
36	1.1250	1.058

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